

FIG. 1
(Prior Art)

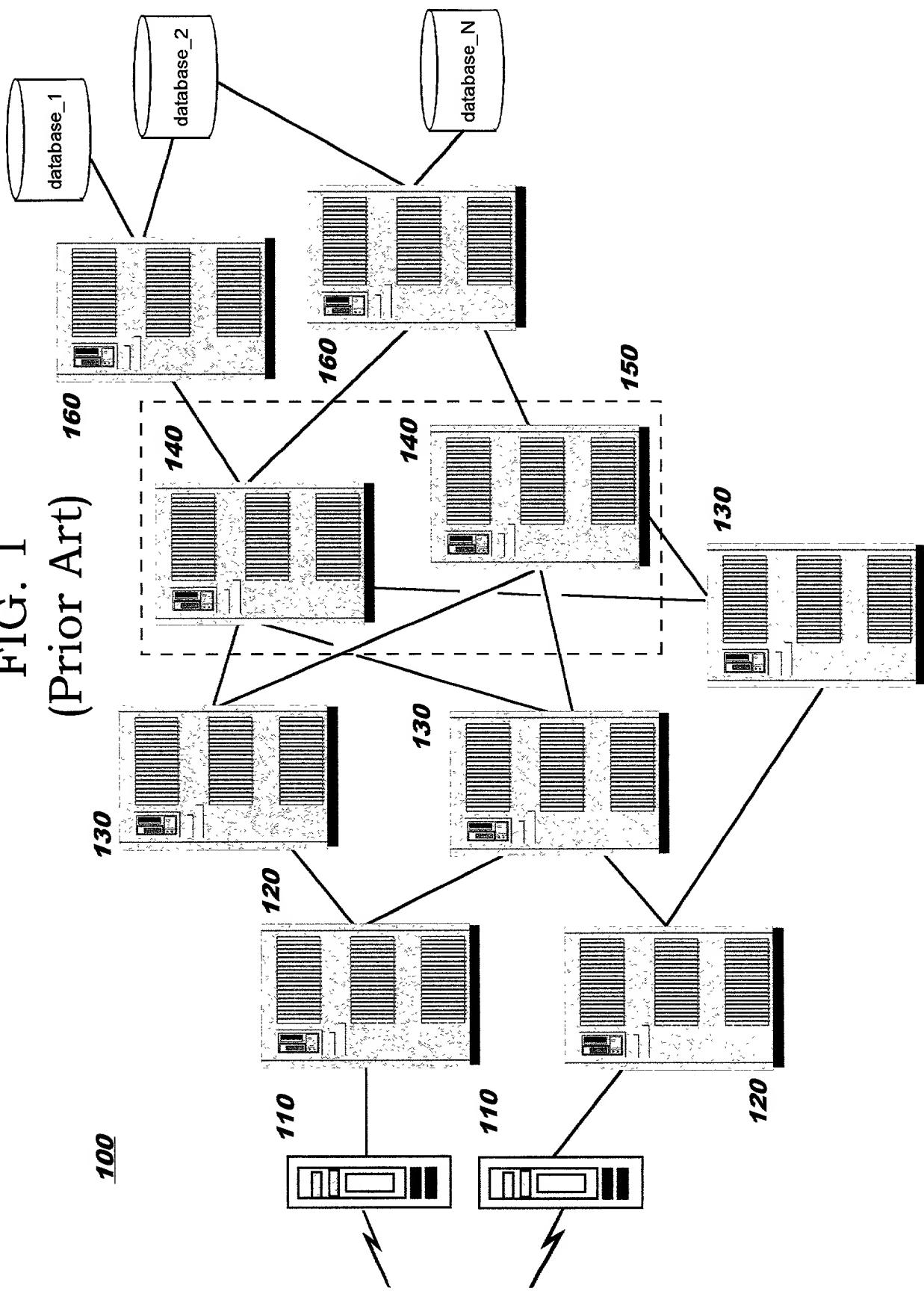
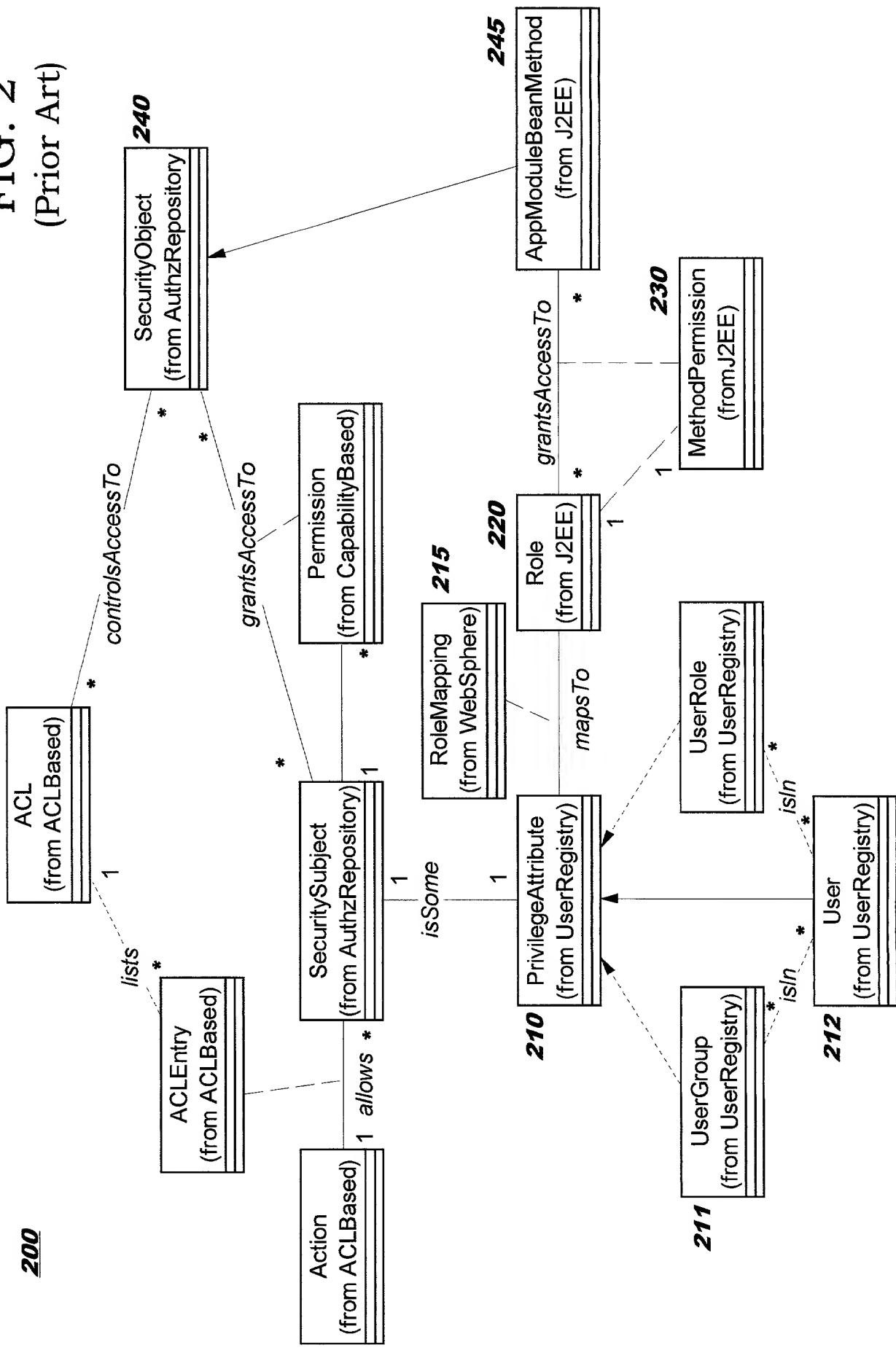


FIG. 2
 (Prior Art)



Security Table

FIG. 3
(Prior Art)

Granted Methods

Subjects	Account getBalance	Account deposit	closeAccount	AcctServlet HTTP GET
Teller	yes	yes		
Cashier	yes			
Super			yes	
WebTeller				yes

FIG. 4

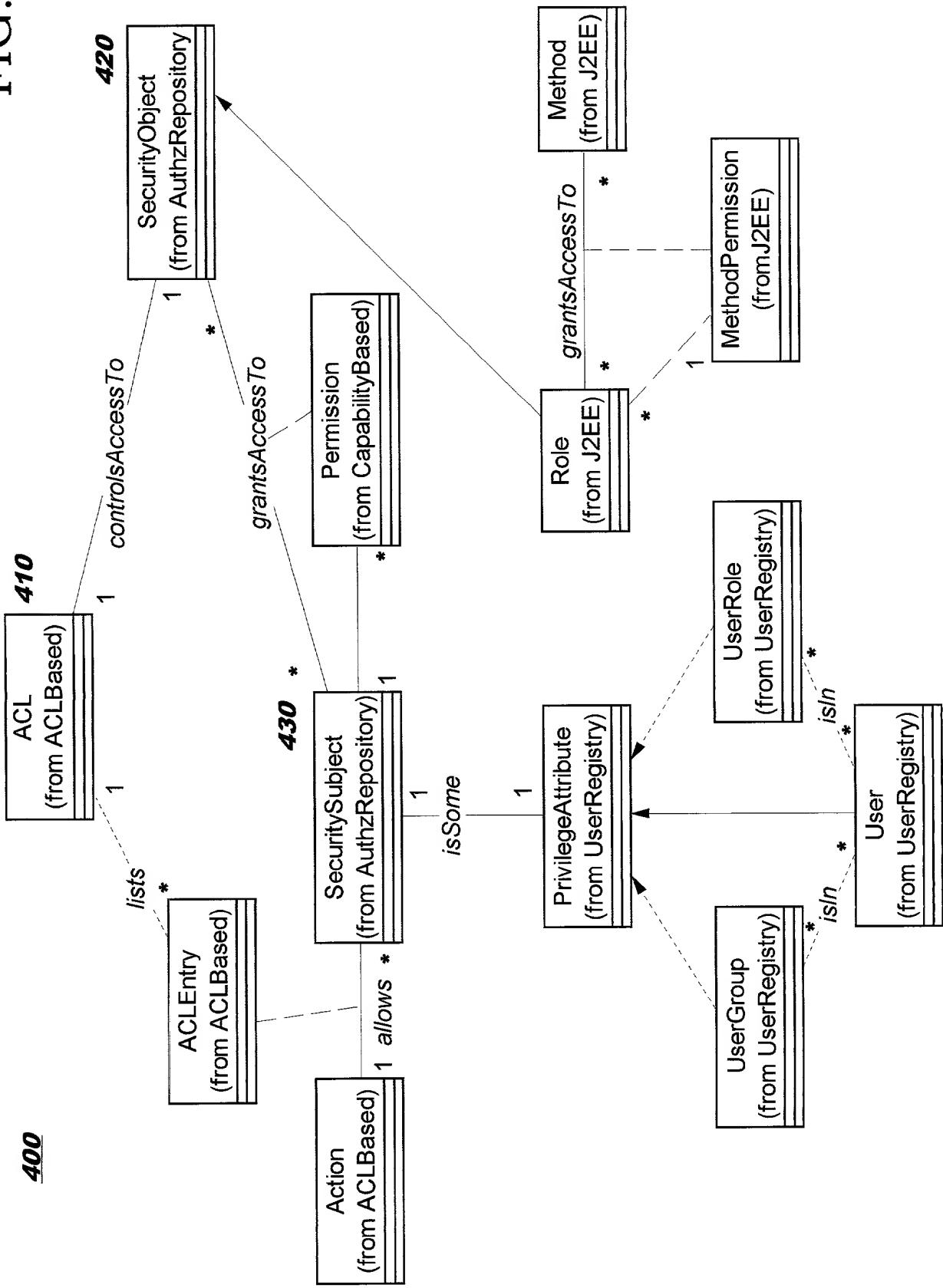


FIG. 5

Required Roles Table

		Granted Methods				
		Account	AcctServlet	/finance/account	/public/*	
		deposit	closeAccount	HTTP_GET	.GET	
Teller	yes	yes			yes	
Cashier	yes					
Roles	Super		yes		yes	
	WebTeller			yes		
	PublicRole					yes

600

FIG. 6

Protection Matrix

		Objects (Roles)			
		Teller	Cashier	Super	WebTeller
Subjects	TellerGroup	I			I
	CashierGroup		I		
	Supervisor			I	
	Bob	I	I	I	
	<i>Everyone</i>				I